

Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

Reserve
A280.29
F22

U. S. DEPT. OF AGRICULTURE
NATIONAL AGRICULTURAL STATISTICS SERVICE

CURRENT SERIAL RECORD

ESTIMATED CASH EXPENDITURES FOR PRODUCTION SUPPLIES
AND EQUIPMENT BY FARM OPERATORS, BY STATES, 1964

Preliminary

FARMER COOPERATIVE SERVICE
U.S. DEPARTMENT OF AGRICULTURE

FARMER COOPERATIVE SERVICE
U. S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D. C.

Joseph G. Knapp, Administrator

The Farmer Cooperative Service conducts research studies and service activities of assistance to farmers in connection with cooperatives engaged in marketing farm products, purchasing farm supplies, and supplying business services. The work of the Service relates to problems of management, organization, policies, financing, merchandising, product quality, costs, efficiency, and membership.

The Service publishes the results of such studies; confers and advises with officials of farmer cooperatives; and works with educational agencies, cooperatives, and others in the dissemination of information relating to cooperative principles and practices.

PREFACE

This report is prepared annually to meet many requests from cooperatives, other supply firms, land-grant universities, and other agencies for information on farmer expenditures for supplies and equipment. Many find the data useful in conducting market research and in determining trends in expenditures on a State and regional basis.

The following tables were compiled by Farmer Cooperative Service from basic data on production expenditures of farm operators developed by the Farm Income Branch, Economic and Statistical Analysis Division, Economic Research Service, U. S. Department of Agriculture. Such expenditures were presented in preliminary form in the July 28, 1965, issue of The Farm Income Situation, FIS-199. Revised figures will be published in the corresponding issue in 1966. These data did not include family farm living expenditures.

In preparing estimates of cash expenditures for production supplies and equipment from these data, we excluded estimates of amounts spent for nonsupply items (including livestock, taxes, interest, labor, and various services) used in farm production. The basis for excluding specified items is included in the footnotes to table 1. State data appear in table 2. The total expenditures for nonsupply items for the United States only appear in appendix table 1.

Although we made estimates for some items from limited data, these were based on the best information currently available. Note that expenditures for petroleum do not include fuel oil used in farm homes nor gasoline used in automobiles operated for farm family living purposes. (See footnote 5, table 1).

J. Warren Mather, Chief
Farm Supplies Branch

Table 1.--Estimated cash expenditures for farm production supplies and equipment by farm operators, United States, 1964

Item	1964
	\$1,000
Current farm operating expenses:	
Feed <u>1/</u>	5,978,970
Seed <u>2/</u>	555,651
Fertilizer and lime <u>3/</u>	1,688,786
Total.....	8,223,407
Repairs and operation of capital items:	
Building materials <u>4/</u> (see expenditures for capital items below).....	497,964
Petroleum fuel and oil for motor vehicles <u>5/</u>	1,459,425
Repair parts, tires, and batteries for motor vehicles <u>6/</u>	498,620
Repair parts and tires for other farm machinery <u>7/</u>	292,479
Total.....	2,748,488
Miscellaneous operating supplies:	
Miscellaneous hardware <u>8/</u>	170,087
Small hand tools.....	38,514
Containers.....	135,463
Binding materials.....	83,622
Pesticides <u>9/</u>	460,699
Veterinary medicines <u>10/</u>	163,138
Greenhouse and nursery supplies.....	60,137
Dairy supplies <u>11/</u>	62,352
Harness and saddlery.....	7,019
Total.....	1,181,031
Total current farm operating supplies and equipment.....	12,152,926
Capital items: <u>12/</u>	
Building materials <u>13/</u>	227,960
Tractors.....	785,736
Trucks.....	374,507
Automobiles <u>14/</u>	625,942
Other farm machinery and equipment.....	1,890,477
Total capital items <u>15/</u>	4,604,622
Grand total--all supplies and equipment.....	16,757,548

1-15/ See page 2 for footnotes for this table.

Source of Data: Farm Income Branch, Economic Research Service, U. S. Department of Agriculture. Excludes estimates of farmers cash expenditures for nonsupply items used in farm production. (See table 2.) Excludes all farm family living expenditures.

Note: Cash expenditures by farmers for nonsupply items were \$12,572 million in 1964. (See appendix table 1.) Thus, total cash expenditures for both supply and nonsupply items by U. S. farm operators for production purposes totaled \$19,333 million in 1964. If "depreciation" rather than "cash expenditures" for capital items is used in computing net income of farm operators, "production expenditures," plus other minor changes, total \$29,249 million in 1964.

Cash expenditures for production supplies and equipment accounted for 57.1 percent of total cash expenditures for all production items (including supply and nonsupply items) in 1964.

Cash receipts from farming totaled \$36,899 million in 1964. Cash expenditures for production supplies and equipment, therefore, were equivalent to 45.4 percent of cash farm receipts.

Total cash expenditures for all farm production items, including supply and nonsupply items accounted for 79.5 percent of cash receipts from farming in 1964.

See Farm Income Situation, July 28, 1965, Economic Research Service, U. S. Department of Agriculture.

Footnotes for Table 1

- 1/ Includes feed grains, hay and roughage, and pasture purchased by one farmer from another farmer estimated at perhaps 10 percent of the total. Does not include feed charged to farmers at stockyards. Definition of feed expenditures in 1959 by Census Bureau on which these were based: "Expenditures on feed purchased for livestock and poultry were to include expenditures for grain, hay, mill-feeds, pasture, salt, condiments, concentrates, and mineral supplements as well as for the grinding and mixing of feed. The estimated cost of items furnished by a landlord, contractor, or other owner for feeding poultry and livestock kept on the farm was also to be included. Payments made by tenant to his landlord for feed grown on the tenant farm were to be excluded."
- 2/ Includes seed transactions among farmers estimated at 10 percent of total.
- 3/ Includes items similar to those listed in following definition by Census Bureau in 1959 on which these estimates were based: "Fertilizer was to refer only to commercial fertilizer and fertilizing materials, including rock phosphate." No specific mention was made of basic slag. Barnyard manure, straw, refuse materials, and soil conditioners were to be excluded.
- 4/ Includes expenditures only on farm operator's dwellings, service buildings, and other structures. Includes wiring materials, plumbing equipment, fences, windmills, wells, and dwellings not occupied by the farm operator. Excludes labor estimated at 24 percent of total expenditures for repairs and maintenance of farm buildings.
- 5/ Includes only 40 percent of petroleum products used in farm automobiles as amount attributed to farm business use; excludes the remaining 60 percent as amount attributed to farm family living expenditures. Based on definition as used by Census Bureau in 1959: "Expenditures for gasoline and other petroleum fuel and oil were to relate only to the products used in the farm business. They exclude the cost of petroleum products used for the family automobile when operated for other than farm business purposes and of products used in the farmhouse for heating, cooking, and lighting."
- 6/ Includes only 40 percent of total operating costs of farm automobiles as amount attributed to farm business. Excludes labor estimated at 32 percent of repair expenses for automobiles, 34 percent for trucks, and 62 percent for tractors. Also excludes insurance and license fees. Tires, tubes, and tire repair were estimated to be 20 percent of U. S. total expenditures for repair parts, tires, tubes, tire repairs, and batteries.
- 7/ Excludes labor estimated at 44 percent of total repair business.
- 8/ Includes blacksmithing and horseshoeing expense.
- 9/ Pesticides do not contain about \$55 million of livestock sprays and disinfectants. These are included in veterinary medicines and supplies.
- 10/ Excludes veterinary fees of about 30 percent of total expenditures for veterinary services. Includes livestock sprays and disinfectants of about \$55 million.
- 11/ Excludes dairy equipment. It is in "other machinery and equipment."
- 12/ Compiled by Farmer Cooperative Service as follows: The ratio of U. S. total "farm depreciation and other farm capital consumption" to the U. S. total "gross farm capital expenditures" was applied to the State data on "depreciation and other farm capital consumption." (In 1965, the Economic Research Service revised U. S. gross farm capital expenditures from 1930 to date. This reduced expenditures on most years for buildings and increased those for farm machinery and equipment.)
- 13/ Includes expenditures for new construction, additions, and major improvements on farm operator's dwellings, service buildings, and other structures. Includes wiring materials, plumbing equipment, fences, windmills, wells, and dwellings not occupied by farm operators. Excludes labor estimated at 24 percent of total.
- 14/ Includes only 40 percent of expenditures for farm automobiles as amount attributed to farm business.
- 15/ The cash expenditures for capital items (table 1) and labor for new buildings (table 2) total \$4,897,662 compared to \$4,655 million for depreciation and other consumption from accidental damage of farm capital in 1964.

Table 2.--Estimated cash expenditures for farm production supplies and equipment by farm operators, by States, 1964

State and area	Current farm operating supplies and equipment			
	Feed 1/	Seed 2/	Fertilizer and lime 3/	Total
	\$1,000			
North Atlantic:				
Maine.....	60,956	2,927	9,237	73,120
New Hampshire.....	21,942	517	1,123	23,582
Vermont.....	45,268	761	3,716	49,745
Massachusetts.....	42,082	4,717	4,297	51,096
Rhode Island.....	6,924	929	950	8,803
Connecticut.....	42,840	3,296	4,460	50,596
New York.....	223,408	20,837	34,494	278,739
New Jersey.....	57,969	7,442	11,879	77,290
Pennsylvania.....	213,880	16,397	39,720	269,997
East North Central:				
Ohio.....	182,966	21,639	71,357	275,962
Indiana.....	203,018	20,416	85,909	309,343
Illinois.....	293,027	39,744	142,745	475,516
Michigan.....	85,873	16,257	45,371	147,501
Wisconsin.....	188,217	18,382	36,615	243,214
West North Central:				
Minnesota.....	241,315	28,216	51,884	321,415
Iowa.....	525,938	39,304	103,045	668,287
Missouri.....	203,751	18,564	67,893	290,208
North Dakota.....	29,954	13,474	17,490	60,918
South Dakota.....	93,636	9,648	9,043	112,327
Nebraska.....	200,846	13,803	52,106	266,755
Kansas.....	132,805	12,067	52,529	197,401
South Atlantic:				
Delaware.....	43,926	1,765	5,790	51,481
Maryland.....	79,614	5,157	17,912	102,683
Virginia.....	83,492	7,642	31,774	122,908
West Virginia.....	24,107	1,239	4,264	29,610
North Carolina.....	153,847	11,180	71,909	236,936
South Carolina.....	42,065	4,952	35,741	82,758
Georgia.....	195,794	12,457	65,792	274,043
Florida.....	96,769	14,897	66,626	178,292
South Central:				
Kentucky.....	72,035	7,364	41,362	120,761
Tennessee.....	75,246	8,551	37,066	120,863
Alabama.....	133,665	6,442	43,818	183,925
Mississippi.....	107,895	7,553	43,257	158,705
Arkansas.....	157,525	11,799	29,404	198,728
Louisiana.....	55,498	7,299	22,516	85,313
Oklahoma.....	102,362	8,567	24,861	135,790
Texas.....	304,376	31,322	80,125	415,823
Western:				
Montana.....	34,556	3,750	6,065	44,371
Idaho.....	51,600	11,265	16,551	79,416
Wyoming.....	18,675	1,225	2,343	22,243
Colorado.....	119,696	6,859	10,559	137,114
New Mexico.....	23,387	1,957	5,090	30,434
Arizona.....	63,956	5,376	15,635	84,967
Utah.....	35,341	2,440	2,050	39,831
Nevada.....	7,952	519	901	9,372
Washington.....	91,399	11,532	27,210	130,141
Oregon.....	60,634	7,992	19,674	88,300
California.....	632,282	44,663	103,978	780,923
48 States.....	5,964,309	555,101	1,678,136	8,197,546
Alaska.....	1,000	75	819	1,894
Hawaii.....	13,661	475	9,831	23,967
United States.....	5,978,970	555,651	1,688,786	8,223,407

See table 1, page 2, for source of data and footnotes.

Table 2.--Estimated cash expenditures for farm production supplies and equipment by farm operators, by States, 1964 (continued)

State and area	Current farm operating supplies and equipment:				
	Repairs and operation of capital items				
	: Petroleum		: Repair parts,		: Total repairs and operation of capital items
	: Building	: fuel and	: tires, and	: & tires for	
	: materials:	oil for	batteries	other farm	
: 4/	: motor	: for motor	: machinery		
:	: vehicles	5/	vehicles	6/	: 7/
\$1,000					
North Atlantic:					
Maine.....	2,341	5,389	2,142	1,122	10,994
New Hampshire....	1,113	1,712	657	209	3,691
Vermont.....	2,649	4,106	1,420	662	8,837
Massachusetts....	3,326	4,527	1,387	678	9,918
Rhode Island.....	486	683	223	116	1,508
Connecticut.....	2,930	3,675	1,321	566	8,492
New York.....	18,389	34,587	9,845	5,730	68,551
New Jersey.....	6,754	3,814	2,618	1,472	19,658
Pennsylvania.....	22,557	32,015	10,700	5,610	70,882
East North Central:					
Ohio.....	31,086	47,575	15,923	10,620	105,204
Indiana.....	24,822	48,966	17,529	10,805	102,122
Illinois.....	26,748	89,214	27,037	20,916	163,915
Michigan.....	21,185	36,614	13,101	9,104	80,004
Wisconsin.....	24,793	50,702	17,141	14,269	106,905
West North Central:					
Minnesota.....	22,584	71,402	24,127	19,023	137,136
Iowa.....	19,003	87,532	28,772	21,882	157,189
Missouri.....	15,726	48,440	21,191	8,787	94,144
North Dakota.....	4,058	48,817	12,909	12,409	78,193
South Dakota.....	4,216	39,784	11,277	11,207	66,484
Nebraska.....	9,914	59,984	17,735	15,007	102,640
Kansas.....	11,453	60,486	21,047	15,839	108,825
South Atlantic:					
Delaware.....	1,519	2,277	885	330	5,011
Maryland.....	8,233	10,144	3,294	1,482	23,153
Virginia.....	14,386	19,668	7,819	3,848	45,721
West Virginia....	3,457	4,602	2,409	908	11,376
North Carolina...	18,584	44,614	14,970	4,965	83,133
South Carolina...	5,756	18,426	5,932	2,394	32,508
Georgia.....	8,701	30,491	11,002	3,826	54,020
Florida.....	15,044	18,419	6,455	2,534	42,452
South Central:					
Kentucky.....	16,666	22,452	9,917	3,568	52,603
Tennessee.....	12,593	21,904	9,791	3,568	47,856
Alabama.....	7,892	18,859	7,100	2,168	36,019
Mississippi.....	8,401	28,451	9,458	2,856	49,166
Arkansas.....	4,801	32,497	10,874	3,316	51,488
Louisiana.....	5,144	18,752	8,701	2,497	35,094
Oklahoma.....	7,522	29,047	12,598	7,467	56,634
Texas.....	21,336	112,811	36,250	16,917	187,314
Western:					
Montana.....	4,652	26,133	9,290	6,355	46,430
Idaho.....	3,965	21,994	8,397	5,125	39,481
Wyoming.....	1,541	7,959	2,721	1,808	14,029
Colorado.....	5,471	24,990	8,798	6,655	45,914
New Mexico.....	1,469	9,514	3,058	1,667	15,708
Arizona.....	2,409	12,939	3,066	1,717	20,131
Utah.....	2,103	8,131	2,900	1,421	14,555
Nevada.....	699	2,697	757	421	4,574
Washington.....	7,992	23,861	9,725	4,147	45,725
Oregon.....	5,454	19,264	7,531	2,799	35,048
California.....	24,357	78,440	26,000	11,528	140,325
48 States.....	496,280	1,454,360	497,800	292,320	2,740,760
Alaska.....	58	188	64	34	344
Hawaii.....	1,626	4,877	756	125	7,384
United States.....	497,964	1,459,425	498,620	292,479	2,748,488

See table 1, page 2 for source of data and footnotes.

Table 2.--Estimated cash expenditures for farm production supplies and equipment by farm operators, by States, 1964 (continued)

	Current farm operating supplies and equipment:				
State and area	Miscellaneous operating supplies				
	Miscellaneous:	Small	Containers	Binding	Pesticides
	: hardware 8/	:hand tools:	: materials :	9/	
	\$1,000				
North Atlantic:					
Maine.....	377	206	3,783	385	9,660
New Hampshire....	102	70	744	147	2,576
Vermont.....	427	146	589	828	1,978
Massachusetts....	146	131	2,282	238	4,784
Rhode Island.....	18	15	210	26	506
Connecticut.....	129	97	1,386	209	2,668
New York.....	2,746	827	18,774	3,848	22,862
New Jersey.....	355	149	6,507	313	7,360
Pennsylvania.....	2,720	1,011	3,957	2,563	15,503
East North Central:					
Ohio.....	5,331	1,495	2,253	2,466	10,856
Indiana.....	6,261	1,403	1,355	1,928	8,188
Illinois.....	11,711	1,656	1,478	3,507	7,544
Michigan.....	3,862	1,208	7,621	2,524	35,190
Wisconsin.....	5,389	1,460	1,741	4,477	4,968
West North Central:					
Minnesota.....	10,261	1,932	1,258	4,505	2,438
Iowa.....	11,731	2,250	217	6,176	11,960
Missouri.....	6,867	2,144	565	4,045	5,519
North Dakota.....	10,442	668	771	2,121	3,404
South Dakota.....	8,353	708	49	2,418	2,897
Nebraska.....	9,485	1,112	166	3,537	12,788
Kansas.....	11,044	1,337	182	3,583	8,787
South Atlantic:					
Delaware.....	292	41	313	51	1,978
Maryland.....	922	195	1,480	513	2,806
Virginia.....	1,744	728	1,795	1,114	9,522
West Virginia....	475	315	525	414	2,713
North Carolina...	2,664	1,613	1,506	783	13,525
South Carolina...	1,560	563	1,105	380	6,809
Georgia.....	2,427	753	643	1,015	6,072
Florida.....	780	339	6,737	309	36,247
South Central:					
Kentucky.....	2,085	973	500	1,856	5,612
Tennessee.....	2,289	1,041	1,214	1,256	3,128
Alabama.....	1,865	683	899	717	4,462
Mississippi.....	2,689	770	122	916	4,554
Arkansas.....	3,561	801	394	737	3,219
Louisiana.....	1,551	665	602	555	4,922
Oklahoma.....	5,013	860	90	2,016	3,082
Texas.....	11,526	2,052	1,107	2,219	14,812
Western:					
Montana.....	4,632	597	134	2,039	5,015
Idaho.....	2,240	707	4,875	2,399	6,118
Wyoming.....	1,037	189	37	937	3,634
Colorado.....	3,177	648	2,338	1,737	11,362
New Mexico.....	551	302	451	673	5,475
Arizona.....	644	137	2,968	875	6,669
Utah.....	608	310	479	1,001	2,990
Nevada.....	228	43	25	436	1,472
Washington.....	2,341	838	2,384	1,481	14,996
Oregon.....	1,513	717	3,184	1,412	10,028
California.....	3,802	1,532	43,316	5,936	86,342
48 States.....	169,973	38,437	135,111	83,621	460,000
Alaska.....	11	4	14	0	23
Hawaii.....	103	73	338	1	676
United States.....	170,087	38,514	135,463	83,622	460,699

See table 1, page 2, for source of data and footnotes.

Table 2.--Estimated cash expenditures for farm production supplies and equipment by farm operators, by States, 1964 (continued)

	Current farm operating supplies and equipment:				
	Miscellaneous operating supplies (continued)				
State and area	Veterinary:	Greenhouse :	Dairy :	Harness :	Total
	medicines :	& nursery :	supplies :	and :	miscellaneous
	10/	supplies :	11/	saddlery :	operating supplies
	\$1,000				
North Atlantic:					
Maine.....	1,389	230	430	18	16,478
New Hampshire....	302	314	228	9	4,492
Vermont.....	862	54	1,092	23	5,999
Massachusetts....	465	1,997	461	11	10,515
Rhode Island.....	63	212	58	3	1,111
Connecticut.....	505	957	422	9	6,382
New York.....	4,653	5,995	5,324	108	65,137
New Jersey.....	538	2,267	621	18	18,128
Pennsylvania.....	4,819	5,751	3,861	131	40,316
East North Central:					
Ohio.....	4,980	5,758	2,623	168	35,930
Indiana.....	5,690	1,770	1,582	120	28,297
Illinois.....	8,433	3,991	2,033	168	40,521
Michigan.....	3,096	3,324	2,794	84	59,703
Wisconsin.....	9,150	1,495	8,141	136	36,957
West North Central:					
Minnesota.....	8,389	1,510	5,104	138	35,535
Iowa.....	13,771	1,890	2,791	200	50,986
Missouri.....	7,256	1,355	1,508	245	29,504
North Dakota.....	2,345	230	694	138	20,813
South Dakota.....	4,220	110	609	141	19,505
Nebraska.....	5,615	243	805	158	33,909
Kansas.....	4,541	392	935	163	30,964
South Atlantic:					
Delaware.....	1,596	295	93	7	4,666
Maryland.....	2,776	897	901	36	10,526
Virginia.....	2,795	1,035	1,127	204	20,064
West Virginia....	941	229	286	91	5,989
North Carolina...	5,269	599	881	351	27,191
South Carolina...	1,126	166	327	163	12,199
Georgia.....	7,479	383	543	168	19,483
Florida.....	1,784	2,598	648	63	49,505
South Central:					
Kentucky.....	2,677	391	1,176	351	15,621
Tennessee.....	2,819	959	1,023	331	14,060
Alabama.....	4,756	427	497	227	14,533
Mississippi.....	3,790	91	517	333	13,782
Arkansas.....	5,003	271	343	186	14,515
Louisiana.....	1,655	486	409	206	11,051
Oklahoma.....	2,000	292	577	206	14,136
Texas.....	7,557	3,154	1,359	550	44,336
Western:					
Montana.....	1,368	90	187	206	14,268
Idaho.....	1,623	183	777	118	19,040
Wyoming.....	714	24	79	118	6,769
Colorado.....	1,569	841	412	158	22,242
New Mexico.....	704	18	146	130	8,450
Arizona.....	670	489	336	122	12,910
Utah.....	849	114	402	73	6,826
Nevada.....	278	7	74	46	2,609
Washington.....	1,896	584	1,106	86	25,712
Oregon.....	1,449	924	564	102	19,893
California.....	6,723	4,548	5,362	179	157,740
48 States.....	162,948	59,940	62,268	7,000	1,179,298
Alaska.....	7	7	12	1	79
Hawaii.....	183	190	72	18	1,654
United States.....	163,138	60,137	62,352	7,019	1,181,031

See table 1, page 2, for source of data and footnotes.

Table 2.--Estimated cash expenditures for farm production supplies and equipment by farm operators, by States, 1964 (continued)

State and area	Capital items 12/			
	Building	Tractors	Trucks	Automobiles 14/
	materials 13/			
\$1,000				
North Atlantic:				
Maine.....	4,345	3,011	2,187	2,936
New Hampshire.....	2,067	1,031	755	1,013
Vermont.....	4,892	2,960	1,202	2,237
Massachusetts.....	6,152	1,860	1,433	1,852
Rhode Island.....	901	271	230	245
Connecticut.....	5,428	1,827	1,279	1,537
New York.....	34,313	21,414	7,597	13,526
New Jersey.....	12,624	3,891	2,430	2,482
Pennsylvania.....	42,188	22,650	8,492	17,231
East North Central:				
Ohio.....	57,910	32,883	10,719	26,492
Indiana.....	46,203	31,259	12,368	23,907
Illinois.....	49,231	49,156	15,758	28,765
Michigan.....	39,508	27,775	10,155	21,792
Wisconsin.....	45,600	40,732	12,317	25,653
West North Central:				
Minnesota.....	41,855	48,005	14,606	29,639
Iowa.....	34,948	55,059	14,019	34,252
Missouri.....	29,508	33,086	15,272	27,855
North Dakota.....	7,452	19,926	10,309	10,818
South Dakota.....	7,788	19,064	7,137	11,062
Nebraska.....	18,314	29,247	11,614	17,999
Kansas.....	21,385	28,536	16,614	20,883
South Atlantic:				
Delaware.....	2,825	1,353	691	1,013
Maryland.....	15,366	6,073	2,597	4,474
Virginia.....	27,016	12,822	7,022	12,932
West Virginia.....	6,455	3,856	2,992	5,593
North Carolina.....	34,781	26,370	13,097	31,106
South Carolina.....	10,882	7,916	4,694	11,045
Georgia.....	16,245	14,818	9,081	15,238
Florida.....	28,095	5,582	4,156	7,270
South Central:				
Kentucky.....	30,987	18,894	10,667	22,368
Tennessee.....	23,486	17,846	10,411	23,138
Alabama.....	14,796	11,401	8,161	14,575
Mississippi.....	15,801	13,820	8,748	13,736
Arkansas.....	9,058	13,498	8,851	10,415
Louisiana.....	9,694	9,033	5,909	10,398
Oklahoma.....	13,968	15,596	11,947	14,819
Texas.....	40,109	43,337	26,015	35,824
Western:				
Montana.....	8,596	10,488	7,444	6,518
Idaho.....	7,418	10,285	6,292	7,304
Wyoming.....	2,863	3,653	2,264	1,905
Colorado.....	10,214	10,657	6,869	6,868
New Mexico.....	2,731	2,706	2,443	2,587
Arizona.....	4,482	2,098	2,353	1,293
Utah.....	3,935	3,586	2,379	3,250
Nevada.....	1,299	896	601	489
Washington.....	14,934	10,927	8,122	10,939
Oregon.....	10,214	9,642	6,447	8,458
California.....	45,298	24,324	16,704	19,049
48 States.....	924,160	785,120	373,450	624,780
Alaska.....	129	529	66	59
Hawaii.....	3,671	87	991	1,103
United States.....	927,960	785,736	374,507	625,942

See table 1, page 2, for source of data and footnotes.

Table 2.--Estimated cash expenditures for farm production supplies and equipment by farm operators, by States, 1964 (continued)

State and area	Capital items (continued)		Grand total-- all supplies and equipment
	Other	Total capital items <u>15</u> /	
	machinery		
	& equipment		
		\$1,000	
North Atlantic:			
Maine.....	7,250	19,729	120,321
New Hampshire.....	1,353	6,219	37,984
Vermont.....	4,278	15,569	80,150
Massachusetts.....	4,384	15,681	87,210
Rhode Island.....	750	2,397	13,819
Connecticut.....	3,659	13,730	79,200
New York.....	37,036	113,886	526,313
New Jersey.....	9,513	30,940	146,016
Pennsylvania.....	36,265	126,826	508,021
East North Central:			
Ohio.....	68,642	196,646	613,742
Indiana.....	69,837	183,574	623,336
Illinois.....	135,194	278,104	958,056
Michigan.....	58,845	158,075	445,283
Wisconsin.....	92,232	216,534	603,610
West North Central:			
Minnesota.....	122,959	257,064	751,150
Iowa.....	141,434	279,712	1,156,174
Missouri.....	56,796	162,517	576,373
North Dakota.....	80,208	128,713	288,637
South Dakota.....	72,440	117,491	315,807
Nebraska.....	96,999	174,173	577,477
Kansas.....	102,378	189,796	526,986
South Atlantic:			
Delaware.....	2,132	8,014	69,172
Maryland.....	9,581	38,091	174,453
Virginia.....	24,871	84,663	273,356
West Virginia.....	5,871	24,767	71,742
North Carolina.....	32,092	137,446	484,706
South Carolina.....	15,470	50,007	177,472
Georgia.....	24,729	80,111	427,657
Florida.....	16,379	61,482	331,731
South Central:			
Kentucky.....	23,064	105,980	294,965
Tennessee.....	23,064	97,945	280,724
Alabama.....	14,012	62,945	297,422
Mississippi.....	18,460	70,565	292,218
Arkansas.....	21,432	63,254	327,985
Louisiana.....	16,140	51,174	182,632
Oklahoma.....	48,264	104,594	311,154
Texas.....	109,346	254,631	902,104
Western:			
Montana.....	41,076	74,122	179,191
Idaho.....	33,127	64,426	202,363
Wyoming.....	11,687	22,372	65,413
Colorado.....	43,016	77,624	282,894
New Mexico.....	10,775	21,242	75,834
Arizona.....	11,094	21,320	139,328
Utah.....	9,186	22,336	83,548
Nevada.....	2,719	6,004	22,559
Washington.....	26,806	71,728	273,306
Oregon.....	18,094	52,855	196,096
California.....	74,511	179,886	1,258,874
48 States.....	1,889,450	4,596,960	16,714,564
Alaska.....	221	1,004	3,321
Hawaii.....	806	6,658	39,663
United States.....	1,890,477	4,604,622	16,757,548

See table 1, page 2, for source of data and footnotes.

Appendix table 1.--Estimated cash expenditures for nonsupply production items by farm operators, United States, 1964

Item	1964
	<u>\$1,000</u>
Current farm operating expenses:	
Livestock purchased.....	2,408,000
Hired labor <u>1/</u>	2,479,000
Total.....	4,887,000
Miscellaneous current operating expenses:	
Fire, wind, and crop hail insurance.....	177,695
Veterinary fees <u>2/</u>	69,917
Hired hauling of milk.....	160,442
Ginning.....	254,873
Crop insurance--FCIC.....	9,837
Tolls for sugar cane and sorgho syrup.....	2,196
Short-term interest on non-real-estate debts.....	1,021,925
Electricity.....	166,601
Grazing permits.....	11,248
Irrigation.....	115,245
Telephones.....	129,926
Marketing livestock charges.....	125,668
Total.....	2,245,573
Repairs and operation of capital items:	
Labor for repair of motor vehicles <u>3/</u>	539,260
Insurance and license fees for motor vehicles.....	242,000
Labor for repair of other farm machinery <u>4/</u>	229,805
Labor for repair of buildings <u>5/</u>	157,252
Total.....	1,168,317
Total cash farm operating expenses.....	8,300,890
Other cash farm expenditures:	
Taxes on farm property.....	1,834,000
Interest on farm mortgage debt.....	948,000
Net rent to nonfarm landlords.....	<u>6/</u> 1,200,000
New capital items--labor for new buildings <u>7/</u>	293,040
Total.....	4,275,040
Grand total--all services and other nonsupply items.....	12,575,930

Source of Data: Farm Income Branch, Economic Research Service, U. S. Department of Agriculture. Excludes estimates of farmers cash expenditures for supplies and equipment used in farm production (see table 1).

Note: Cash expenditures for farm supply and equipment items were \$16,758 million in 1964 (see table 1). Thus, total cash expenditures for both supply and non-supply items by U. S. farm operators for production purposes totaled \$29,333 million in 1964. If "depreciation" rather than "cash expenditures for capital items" is used in computing net income of farm operators, "production expenditures," plus other minor changes, totaled \$29,249 million in 1964. See Farm Income Situation, July 28, 1965. Economic Research Service, USDA.

1/ Includes cash wages and Social Security taxes paid by employers. ("Hired labor" in Economic Research Service's data on "current farm operating expenses" was \$2,708 million because perquisites were included.)

2/ Estimated to represent 30 percent of total for medicines and service fees.

3/ Of "total expense for parts, tires, and labor" estimated labor expense accounted for 32 percent for automobiles, 34 percent for trucks, and 62 percent for tractors.

4/ Estimated to represent 44 percent of total for parts, tires, and labor.

5/ Estimated to represent 24 percent of total for building materials and labor.

6/ Net rent was \$1.094 million in ERS table on "production expenses of farm operators" because of difference in handling landlords' share of total expenditures rather than depreciation on farm buildings.

Footnotes continued on next page.

7/ Labor estimated to represent 24 percent of total for building materials and labor used in new construction, additions, and major improvements for farm operator's dwellings, service buildings, and other structures. Includes fences, windmills, wells, and dwellings not occupied by the farm operator.

Tables by ERS on "production expenses of farm operators" include depreciation on motor vehicles, farm machinery, and buildings rather than cash expenditures for such items.

